```
Page 2, line 4, replace ".It" with --, it -;
    line 7, replace "i.e." with --, i.e., --;
    line 8, after "diseases" insert --of the--;
    line 9, replace "e.g." with --, e.g., --;
    line 13, replace "i.e." with --, i.e., --;
    line 17, replace CO2/O2" with --CO2/O1-;
    line 19, replace "e.g." with --, e.g., --.
```

17

Page 3, lines 2, 7, 9 and 10, replace "pCO2" with "pCO2";

line 4, delete "rhythmical"; same line, replace

"body temperature" with --cycle--;

line 10, delete "such"; same line, before "few"

insert --a--;
line 15, replace "e.g." with --, e.g.,--.
line 20, delete "such".

line 20, delete "such

Page 4, line 3 after "i.e." insert -- /--; same line, replace

"pCO2" with --pCO2--;

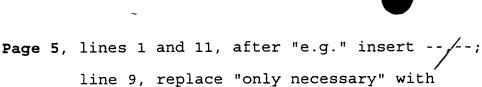
line 4, after "e.g." insert -/,--;

between lines 8 and 9, insert the following:

--SUMMARY OF THE INVENTION--;

line 11, after "device", delete/ ",";

line 16, after "i.e." insert --,--.



--necessary only--;

line 12, delete "Preferred embodiments can be taken from the dependent claims.";

line 15, replace "CO2" with $--co_2$ --;

line 16, replace "gas/es" with --gas/gasses--.

- Page 6, line 7, after "fluctuations", insert --/--;
 line 10, before "a comparison", insert --to provide--;
 line 11, replace "e.g." with --, e.g.,--;
 lines 16 and 17, replace "pCO2" with --pCO2--.
- Page 7, line 16, replace "e.g." with --, e.g.,--;
 line 19, replace "with measurement of" with
 --measure--.

Page 9, between lines 6 and 7, insert the following:

--BRIEF DESCRIPTION OF THE DRAWINGS--;
line 7, delete "with";
line 8, replace "drawing" with --drawings--;
line 11, replace "pCO2" with --pCO2--;
between lines 11 and 12, insert the following:

--DETAILED DESCRIPTION OF THE INVENTION--;
line 12, before "cycle" insert --a--; same line,

after "computer" insert --,-;
lines 18 and 19, replace "CO2" with --CO2--;
last line, replace "pCO2" with --pCO2--.

Page 10, line 2, replace "pCO2" with --pCO2--;
line 3, replace "Sensors" with --sensors--; same
line, after "temperature" insert --/,--;
lines 7 and 9, after "i.e." insert --/,--;
line 8, replace "CO2" with --CO2--.

IN THE CLAIMS:

Please cancel original claims 1 to 17, without prejudice.

Please add the following claims:

18. A method for monitoring in an animal or a human, hormonal fluctuations, ovulation prediction, breathing function,